

Amendments to the Specification:

The Publishing Division has correctly noted that, while there is a FIG. 5 in the subject application, FIG. 5 is not referred to in the Description of the Drawing section. Thus, lines 6 - 9 of original page 7 have been revised as indicated immediately below:

FIG 3 is a diagram of a first file access architecture in an exemplary subsystem; and

FIG. 4 is a diagram of a second file access architecture in an exemplary subsystem; and

FIG. 5 is a high level flow chart of a preferred embodiment of the invention.

While the foregoing changes add a line to page 7 as revised, it was nevertheless possible to make the addition of the description of FIG. 5 without overflowing onto page 8. Thus, it is only necessary to substitute the enclosed Revised Page 7 for the original to correct the problem.

1       FIG. 1 is a generalized view of a plurality of data processing systems, each  
2       having intermediate and leaf subsystems, interconnected in a relationship which  
3       permits transaction processing among the participants;

4       FIG. 2 is a process diagram illustrating two-phase transaction processing as  
5       widely practiced in the art;

6       FIG. 3 is a diagram of a first file access architecture in an exemplary  
7       subsystem;

8       FIG. 4 is a diagram of a second file access architecture in an exemplary  
9       subsystem; and

10       FIG. 5 is a high level flow chart of a preferred embodiment of the invention.

11       Description of the Preferred Embodiment(s)

12       Modern transaction processing should be carried out with processes having  
13       certain fundamental properties: 1) atomicity, 2) consistency, 3) isolation and 4)  
14       durability.

15       “Atomicity” means that a transaction is an indivisible unit of work: All of its  
16       actions succeed or they all fail.

17       “Consistency” means that after a transaction executes, it must leave the  
18       system(s) in a correct state or it must abort. If the transaction cannot achieve a  
19       stable end state, it must return the system(s) to its (their) initial state.

20       “Isolation” means that a transaction’s behavior is not affected by other  
21       transactions that execute concurrently. The transaction must serialize all access to